

REMARKS/ARGUMENTS

1.) Claim Status

Claims 1-20 are pending in the application. Favorable reconsideration of the application is respectfully requested in view of the following remarks.

2.) Claim Rejections – 35 U.S.C. § 103(a)

On page 2 of the Office Action, the Examiner rejected claims 1, 5, 6, 8, 13, and 17-20 under 35 U.S.C. § 103(a) as being unpatentable over applicant's admitted prior art (AAPA) in view of Hsu et al. (US Pub. No. 2005/0094601). The Applicants respectfully disagree.

Regarding independent claims 1, 8, 13, 17, and 19, the Applicants' invention relates to the Semi-Connected Mode (SCM) in which the PPP connection between the mobile station and the network is disconnected when the mobile station does not transmit data for a period of time. Information relating to the original PPP connection is stored, however, and is reused when the connection is reestablished. The Applicants' invention provides a method, system, and server for passing the stored information between different access servers when the mobile station attempts to reestablish the connection through a different server than was originally used.

Hsu, on the other hand, relates to what is called "dormant handoff", which is entirely different from SCM because the PPP connection is never disconnected. As noted in Hsu paragraph [0020], "For example, a Point-to-Point Protocol (PPP) connection may be established *and maintained* for a given mobile user even when that user is not receiving data service. While no data is communicated, the mobile user may be in a dormant mode." (Emphasis added.)

Although it is well known to tunnel data through a packet data network during an established connection (such as taught by Hsu), it is not known to tunnel data between access servers when a PPP connection is disconnected due to SCM. This new procedure is novel and unobvious, and is not taught or suggested by the combination of

AAPA and Hsu. Therefore, the withdrawal of the rejection under § 103 and the allowance of independent claims 1, 8, 13, 17, and 19 are respectfully requested.

Claims 5, 6, 18, and 20 depend from amended base claims 1, 17, and 19 and recite further limitations in combination with the novel elements of the amended base claims. Therefore, the allowance of claims 5, 6, 18, and 20 is respectfully requested.

On page 7 of the Office Action, the Examiner rejected claims 2, 9, and 14 under 35 U.S.C. § 103(a) as being unpatentable over applicant's admitted prior art (AAPA) in view of Hsu in view of Courvoisier (US Patent No. 5,943,412). The Applicants respectfully disagree because AAPA and Hsu do not teach or suggest tunneling data through a data network between access servers when a PPP connection to a mobile station has been disconnected, and Courvoisier does not overcome this deficiency. Therefore, the withdrawal of the rejection under § 103 and the allowance of claims 2, 9, and 14 are respectfully requested.

On page 8 of the Office Action, the Examiner rejected claims 3, 4, 10, 11, 15, and 16 under 35 U.S.C. § 103(a) as being unpatentable over applicant's admitted prior art (AAPA) in view of Hsu in view of Courvoisier in view of Chuah et al. (Bell technical journal, Vol. 4 no 3, 1999 51-72). The Applicants respectfully disagree because AAPA and Hsu do not teach or suggest tunneling data through a data network between access servers when a PPP connection to a mobile station has been disconnected, and Courvoisier and Chuah do not overcome this deficiency. Therefore, the withdrawal of the rejection under § 103 and the allowance of claims 3, 4, 10, 11, 15, and 16 are respectfully requested.

On page 9 of the Office Action, the Examiner rejected claims 7 and 12 under 35 U.S.C. § 103(a) as being unpatentable over applicant's admitted prior art (AAPA) in view of Hsu in view of Chuah. The Applicants respectfully disagree because AAPA and Hsu do not teach or suggest tunneling data through a data network between access servers when a PPP connection to a mobile station has been disconnected, and Chuah

does not overcome this deficiency. Therefore, the withdrawal of the rejection under § 103 and the allowance of claims 7 and 12 are respectfully requested.

3.) Prior Art Not Relied Upon

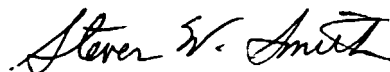
On page 9 of the Office Action, the Examiner stated that the prior art made of record and not relied upon is considered pertinent to the Applicants' disclosure. However, the Applicants' reading of these references has not revealed any teaching or suggestion of tunneling data through a data network between access servers when a PPP connection to a mobile station has been disconnected.

4.) Conclusion

In view of the foregoing remarks, the Applicants believe all of the claims currently pending in the Application to be in a condition for allowance. The Applicants, therefore, respectfully request that the Examiner withdraw all rejections and issue a Notice of Allowance for claims 1-20.

The Applicants request a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,



Steven W. Smith
Registration No. 36,684

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Ericsson Inc.
6300 Legacy Drive, M/S EVR 1-C-11
Plano, Texas 75024

(972) 583-1572
steve.xl.smith@ericsson.com